LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-18. (Canceled)

19. (Previously Presented) A drum for a brush roller, wherein the drum is comprised of a plurality of segments, each segment having opposite first and second ends with respect to a rotation direction of the drum, the first end of each segment cooperating with the second end of the adjacent segment and the adjacent segments are joined to form a drum;

each segment having an upper side which is outwardly facing when the segments are joined;

a plurality of outwardly protruding beams on the upper outwardly facing side, the beams being shaped and placed to define a respective U-shaped channel between adjacent beams on the segment;

each segment having a double wall, with an inward wall toward an inner side of the segment, an outward wall toward the upper side of the segment, and the inward and outward walls being sufficiently rigid for the assembled segments to form a fully self-supporting drum when the segments are joined at the respective cooperating first and second ends of adjacent segments;

a torque transmitter connected to the drum for rotating the drum about an axis.

20. (Previously Presented) The drum of claim 19, wherein there are four outwardly protruding beams on each of the segments.

21. (Previously Presented) The drum of claim 19, further comprising reinforcing spacers between the double walls of the segments.

22. (Previously Presented) The drum of claim 19, wherein the segments are shaped so that at least two of the segments are congruent.

23. (Previously Presented) The drum of claim 19, wherein the upper side of each of the segments defines an outer arcuate shape, and the segments are of such circumferential length and are of such number that when the segments are joined with the first side of one segment adjacent the second side of the adjacent segment, the drum has a cylindrical drum shape.

24. (Previously Presented) The drum of claim 23, wherein each segment has a respective first shoulder projecting outwardly from the first end and has a respective second shoulder projecting outwardly from the second end, with the first and second shoulders being respectively so placed on the ends of the segments that the first shoulder has an upper outwardly facing first surface and the second shoulder has a lower inwardly facing second surface.

25. (Previously Presented) The drum of claim 24, wherein the outwardly facing first surface of the first shoulder of one segment has resting on it the inwardly facing second surface of the second shoulder of the adjacent segment.

26. (Previously Presented) The drum of claim 25, wherein the first and second surfaces are flat and oriented parallel.

27. (Previously Presented) The drum of claim 25, wherein the shoulders have respective outer edges and each of the outer edges of the shoulders rests against the adjacent segment.

28. (Previously Presented) The drum of claim 26, further comprising fastening elements between the first and second shoulders at adjacent segments for joining the adjacent segments.

29. (Previously Presented) The drum of claim 19, wherein each segment has a respective first shoulder projecting outwardly from the first end and has a respective second shoulder projecting outwardly from the second end, with the first and second shoulders being respectively so placed on the ends of the segments that the first shoulder has an upper outwardly facing first surface and the second shoulder has a lower inwardly facing second surface.

30. (Previously Presented) The drum of claim 29, wherein the outwardly facing first surface of the first shoulder of one segment has resting on it the inwardly facing second surface of the second shoulder of the adjacent segment.

31. (Previously Presented) The drum of claim 19, wherein each of the segments is an extruded aluminum section including the respective shoulders at the opposite first and second ends.

32. (Previously Presented) The drum of claim 19, wherein there are an even number of segments.

33. (Previously Presented) The drum of claim 24, wherein there are a plurality of the segments, the segments are extruded, are of arcuate shape and are of identical length.

34. (Previously Presented) An axle for a brush roller, comprising

a drum according to claim 24, the drum having opposite axial ends;

a respective torque transmitting plate arranged concentrically in relation to and connected to each of the axial ends of the drum; and

a respective shaft and projecting from each of the torque transmitting plates.